



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Masaru KATO et al.

Title: NOVEL TRANSFERASE AND
AMYLASE, PROCESS FOR
PRODUCING THE ENZYMES, USE
THEREOF, AND GENE CODING
FOR THE SAME

Appl. No.: Unassigned

Filing Date: 10/25/2000

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 C.F.R. §1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or is considered to be material to patentability as defined in 37 C.F.R. §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

CONCISE EXPLANATION OF
RELEVANCE OF EACH DOCUMENT

Applicants are submitting herewith on Form PTO-1449, a listing of the documents cited by or submitted to the Patent Office in parent application Serial No. 09/298,924, filed April 26, 1999. The relevance of these documents is explained in the parent application.

As provided in 37 C.F.R. §1.98(d), copies of the documents are not being provided since they were previously cited by or submitted to the Patent Office in parent application Serial No. 09/298,924 filed April 26, 1999.

Since this Information Disclosure Statement is being filed in compliance with 37 C.F.R. §1.97(b) within three (3) months of the filing date, no fee is required in connection with its filing.

Applicants respectfully request that the listed documents be considered by the Examiner and be made of record in the present application and that an initialled copy of Form PTO-1449 be returned in accordance with M.P.E.P. §609.

Respectfully submitted,

By 

Date October 25, 2000

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Form PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. 049441/0124		SERIAL NO. Unassigned			
				APPLICANT Masaru KATO et al.		FILING DATE 10/25/2000		GROUP ART UNIT Unassigned	
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE		
mmr	A1	5,681,826	10/97	SHIBUYA et al.	514	54			
mmr	A2	5,455,168	10/95	MARUTA et al.	435	201			
FOREIGN PATENT DOCUMENTS									
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
							YES	NO	
mmr	A3	0 671 470	09/95	EUROPE	—	—			
	A4	0 674 005	09/95	EUROPE	—	—			
	A5	63-129990	06/88	JAPAN	—	—			
	A6	63-500562	03/88	JAPAN	—	—			
	A7	6-62869	03/94	JAPAN	—	—			
	A8	0 691 344	01/96	EUROPE	—	—			
	A9	0 691 407	01/96	EUROPE	—	—			
	A10	0 697 461	02/96	EUROPE	—	—			
	A11	0 709 461	05/96	EUROPE	—	—			
	A12	0 686 866	12/95	EUROPE	—	—			
	A13	0 688 867	12/95	EUROPE	—	—			
	A14	0 690 130	01/96	EUROPE	—	—			
	A15	0 690 131	01/96	EUROPE	—	—			
	A16	0 606 753	12/93	EUROPE	—	—			
mmr	A17	0 619 951	10/94	EUROPE	—	—			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
mmr	A18	L. LAMA et al., "Starch Conversion With Immobilized Thermophilic Archaebacterium Sulfolobus Solfataricus", <i>Biotechnology Letters</i> , Vol. 12(6):431-432, (1990)							
	A19	L. LAMA et al., "Thermostable Amylolytic Activity From Sulfolobus Solfataricus", <i>Biotech. Forum. Eur.</i> , Vol. 8(4):201-203, (1991)							
mmr	A20	B. NICOLAUS et al., "Trehalose In Archaebacteria", <i>System Appl. Microbiol.</i> , Vol. 10:215-217, (1988)							
EXAMINER				DATE CONSIDERED					
mmr				7/18/02					
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.									

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U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							YES
<i>mmol</i>	A21	0 628 630	12/94	EUROPE	—	—	
	A22	0 670 326	09/95	EUROPE	—	—	
	A23	0 670 327	09/95	EUROPE	—	—	
	A24	0 671 470	09/95	EUROPE	—	—	
	A25	727,485 A1	08/96	EUROPE	—	—	
<i>mmol</i>	A26	95/34642	12/95	WIPO	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			
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